

# MAGNUS 148

## MULTI-PURPOSE WATER-BASE AIRCRAFT AND TRANSPORT CLEANER

### PRODUCT USE:

**MAGNUS 148** is used for the cleaning of fuselage, wing surfaces, tail assemblies and other exterior surfaces of an aircraft. It is also used for degreasing of engine cowlings, nacelles, flap wells and removing exhaust stains from the aircraft.

**MAGNUS 148** can also be used for cleaning interior surfaces of an aircraft. May be effectively used as an exterior surface cleaner for transport vehicles etc.

### ADVANTAGES:

- Non- toxic and mild on the skin.
- Meets U.S. Air Force Specification MIL-C-25769, "Compound cleaning, Aircraft surfaces, and alkaline water base".
- Multi-purpose. Varying dilutions can be used.
- Safe on painted surfaces.
- Excellent rinse-ability.
- Will not corrode or deteriorate fabric, paint, plastic, rubber aluminum alloys, magnesium, steel and other common metals.

### PRODUCT DESCRIPTION:

Appearance: Light blue  
Form: Slightly hazy, foaming liquid  
Ingredients: Blend of alkalies and wetting agents

### DIRECTIONS FOR USE:

**MAGNUS 148** can be applied by means of spray, brush, pressure gun, steam cleaning and Mobile Scrubbing Equipment.

**Steam cleaning solution:** A 1 : 20 dilution of **MAGNUS 148** makes an excellent steam-cleaning and pressure-gun solution.

#### Concentrations:

**For cleaning fuselages, wing surfaces, tail assemblies and other exterior surfaces of aircraft and transport equipment:**

Apply **MAGNUS 148** diluted 1 : 3 or 1 : 5 with water to exterior aircraft surfaces by means of spray or brush. Let stand for a few minutes, then brush with long-handled, soft-bristle to loosen stains and deposit.

Pressure rinse with water (preferably with warm water).

**For degreasing of engine cowlings, nacelles, flap and wheel wells:**

Use undiluted or diluted 1 : 2 with water. Apply solution by spray or brush to heavily soiled areas. After application use a soft-bristle brush to loosen stains, soot and grease deposits.

Then, pressure rinse with water, preferably high pressure, and warm water.

## For jet reverser and piston engines' exhaust stain remover:

Mix one part **MAGNUS 148** with two parts kerosene, or Stoddard's solvent, to a creamy emulsion, using air or mechanical agitation. Apply with spray or brush to the surface to be cleaned. Let stand a few minutes, and then brush with a soft-bristle brush to loosen stains and deposits. Next, pressure rinse with water.

If necessary, repeat above operation.

## Cleaning interior surfaces:

**MAGNUS 148** diluted up to 1 : 9 with water makes an excellent cleaner for aircraft interior surfaces. Simply wipe on with a sponge or cloth wetted with **MAGNUS 148** solution and wipe off with a sponge or cloth wetted with water.

Removes nicotine stains, finger marks etc.

Ref. No. 01/24

## PRECAUTIONS:

- Corrosive
- Toxic fumes may be released.
- Use suitable protective gear.
- Keep out of reach of children.
- Do not re-use containers.
- Handle with care.

## FIRST AID:

- External: In case of contact with skin or eyes, flush with plenty of cool running water for at least 15 minutes. Seek medical attention if needed.
- Eyes: Immediately flush eyes with plenty of cool running water for at least 15 minutes. Seek medical attention.
- Internal: If swallowed, immediately drink a large quantity of water. Get medical attention.

*Every endeavour has been made to ensure that the information in this Data Sheet is reliable, but we do not accept any liability for any loss, injury or damage which may result from its use.*